

ABSTRACT

In general, a pressure rail having a top surface and a bottom surface
5 and one or more pressure inlets to a pressure channel can be located within
the pressure rail. The pressure channel can be drilled into the pressure rail.
A plurality of patch depressions can be formed into a plurality of sealing
surfaces on the top surface of the pressure rail upon which a patch is
positioned. A plurality of antenna blocks is generally disposed upon the
10 pressure rail, wherein each antenna block thereof includes at least two
antennas. Two antennas can be connected to a respective antenna block
among the plurality of antenna blocks utilizing a silicone adhesive. Each
antenna block is respectively located on the pressure rail in order to provide
wireless data indicative of pressure and temperature conditions associated
15 with each patch among the plurality of patches.